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The use of jointly used physical channels for transmitting data for a plurality of services on a connection to a subscriber station presupposes that a unique mapping specification indicates the allocation
5 of the services to different segments of the physical channel.

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By way of example, a physical channel is defined by a frequency band and a spread code (CDMA code division multiple access) within a frame.

- 5 The following terms are customary for describing the mapping specification:

Transport Format (TF):

10 A transport format defines a data rate, a coding, scrambling (interleaving), a data rate adjustment by puncturing and an error protection specification for a transport channel for a service.

Transport Format Set (TFS):

15 This denotes a set of possible transport formats which are permitted for a specific service.

Transport Format Combination (TFC):

20 This term indicates a possible combination of transport formats for the various services which are mapped onto a common physical channel.

Transport Format Combination Set (TFCS):

25 This denotes a set of possible TFCs as a subset of all TFCs which are permitted for a specific connection.

Transport Format Combination Identifier (TFCI):

30 This information item indicates the currently used combination of transport formats within the TFC.

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In order to be able to select the currently used combination of transport formats for the various services in line with requirements, the TFC needs to be able to be changed, and hence the TFCI needs to be
35 signaled regularly. This signaling ties up transmission

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capacity, however. The greater the number of possible combination options (TFCS), the more capacity is required for signaling.

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